



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### HLA-DQB1 MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00003119-D01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human HLA-DQB1 protein.

**Immunogen:** HLA-DQB1 (AAH12106.1, 1 a.a. ~ 261 a.a) full-length human protein.

**Sequence:**

```
MSWKKALRIPGGLRVATVTLMLAMLSTPVAEGRDSPE  
DFVYQFKGMCYFTNGTERVRLVTRYIYNREEYARFDS  
DVGVYRAVTPPLGPPAAEYWNSQKEVLERTRAE LDTVC  
RHNYQLELR TTLQRRVEPTVTISPSRTEALNHHNLLVC  
SVTDFYPAQIKVRWFRNDQEETTGVVSTPLIRNGDWT  
FQILVMLEMPQRGDVYTCHVEHPSLQNP IIVEWRAQ  
SESAQSKMLSGIGGFVLGLIFLGLGLIIHHR SQKGLLH
```

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IP

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3119

**Gene Symbol:** HLA-DQB1

**Gene Alias:** CELIAC1, HLA-DQB, IDDM1

**Gene Summary:** HLA-DQB1 belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DQA) and a beta chain (DQB), both anchored in the membrane. It plays a central role in the immune system by presenting

peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and it contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. Within the DQ molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to 4 different molecules. Typing for these polymorphisms is routinely done for bone marrow transplantation. [provided by RefSeq]